

Cold Weather Concreting (ACI - 306 Specification)

West Valley City

1. When the temperature of the air is between zero (0°) F and 30° F, the minimum concrete temperature should be 65° F at placement. When the air temperature is above 30°F, the temperature of the concrete should be 60°F.
2. Subgrade must be several degrees above freezing when concrete is placed. **Concrete shall not be placed on frozen Subgrade at anytime.**
3. Concrete slump must be kept less than four (4) inches, no extra water shall be sprinkled on the concrete surface.
4. Keep newly poured concrete from freezing by maintaining 55°F for 72 hours and maintain temperatures above 40° for an additional four (4) days. Monitor temperature on corners and edges.
5. Use curing compounds to reduce drying.
6. 7.5 bag mix required.

Cold weather concreting may be permitted between October 1st - March 1st but weather conditions must be preapproved.